

## EAST Search History

| Ref # | Hits | Search Query   | DBs                              | Default Operator | Plurals | Time Stamp       |
|-------|------|--|----------------------------------|------------------|---------|------------------|
| S1    | 1    | "750315".ap. and raman   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2007/11/27 15:53 |
| S2    | 4    | shipwash.in. and raman   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2007/11/27 13:12 |
| S3    | 2    | ("6020209" or "4695562").pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2007/11/27 10:07 |
| S4    | 175  | (detect\$4 or quanti\$4 or analy\$4) near4 (before or prior) near4 (\$5channel\$2 or \$5chamber\$2 or \$5compartment\$2) near4 (detect\$4 or quanti\$4 or analy\$4) near4 (after or subsequent\$4 or repeat\$4 or sequent\$5 or again) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2007/11/27 10:58 |
| S5    | 24   | S4 and (nucleic or \$5nucleotide\$2)   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2007/11/27 14:09 |
| S6    | 1    | "20030186240".pn.  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2007/11/27 11:27 |
| S7    | 1    | "20020102595".pn.  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2007/11/27 11:50 |
| S10   | 40   | raman near8 (single near4 \$5nucleotide\$2)  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2007/11/27 12:21 |
| S11   | 77   | raman same (single near4 \$5nucleotide\$2)   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2007/11/27 12:23 |
| S12   | 219  | (raman same (single near4 (molecule\$2 or \$5nucleotide\$2))) and \$5nucleotide\$2   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2007/11/27 12:23 |
| S13   | 168  | S12 and "surface enhanced" near4 raman   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR               | ON      | 2007/11/27 14:03 |

## EAST Search History

|     |      |  |                                  |    |    |                  |
|-----|------|--|----------------------------------|----|----|------------------|
| S14 | 78   | S13 and (detect\$4 or measur\$4 near5 concentration\$2   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/11/27 12:25 |
| S15 | 1    | "20020142480".pn.  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/11/27 13:12 |
| S16 | 28   | sers near4 label\$4 same nucleotide\$2   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/11/27 13:23 |
| S17 | 51   | ((nucleic or \$5nucleotide\$2) near5 label\$4) and (label\$4 near8 "surface enhanced" near4 raman)                                 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/11/27 14:06 |
| S18 | 10   | ((nucleic or \$5nucleotide\$2) near5 label\$4 near4 releas\$5) and (label\$4 near8 "surface enhanced" near4 raman)                 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/11/27 14:04 |
| S19 | 11   | ((detect\$4 or analy\$4 or quant\$7) near8 label\$4 near8 releas\$4) and (label\$4 near8 "surface enhanced" near4 raman)           | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/11/27 14:08 |
| S20 | 1160 | ((detect\$4 or analy\$4 or quant\$7) near8 label\$4 near8 releas\$4) and (label\$4 same ("surface enhanced" near4 raman) or sers)  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/11/27 14:08 |
| S21 | 258  | ((detect\$4 or analy\$4 or quant\$7) near8 label\$4 near8 releas\$4) and (label\$4 same ("surface enhanced" near4 raman) or sers)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/11/27 14:09 |
| S22 | 1004 | S20 and (nucleic or \$5nucleotide\$2)  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/11/27 14:09 |
| S23 | 227  | S21 and (nucleic or \$5nucleotide\$2)  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/11/27 14:10 |
| S24 | 44   | (gold or au or silver or ag or platinum or pt or copper or cu or aluminum or al) near4 mesh near4 advantag\$7                      | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/11/27 15:55 |